

On page 28, line 14, following the word "electrodes" please insert --102 and 132--.

On page 28 line 16, please replace "piezoelectric elements" with --piezo-electric actuators--.

On page 29, line 2, please replace "Aluminum" with --aluminum--.

On page 29, line 3, please replace "Titanium" with --titanium--.

On page 29, line 5, please replace the word "for" with the word --form--.

On page 29 line 7, please replace "6," with --5, and--.

On page 30, line 8, after the word "Thus", please insert a comma --, --.

On page 31, line 20, please replace "piezo elements" with --piezo-electric actuators--.

On page 31, line 22, please replace "current" with --voltage--.

IN THE CLAIMS

✓ Please cancel claims 19 – 21 and 38 – 42, without prejudice. Please amend claims 1, 6 and 18 as follows:

1) Apparatus for the conversion of energy, comprising,

- a) a source of energy for promoting electron tunneling, and,
b) an emitter electrode, connected to said source of energy, and,
c) a collector electrode, positioned sufficiently close to said emitter electrode for electrons to tunnel from the emitter electrode to the collector electrode, and,

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- d) electrical circuit means, connected to said electrodes, for the circulation of electrons, and,
e) manipulating means for controlling the relative electrode positioning, connected to one or both of said electrodes.

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6) Apparatus for the conversion of energy, comprising,

- a) a source of energy for promoting electron tunneling, and,
b) an emitter electrode, connected to said source of energy, and,
c) a collector electrode, positioned sufficiently close to said emitter electrode for electrons to tunnel from the emitter electrode to the collector electrode, and,
d) electrical circuit means, connected to said electrodes, for the circulation of electrons, and,
e) manipulating means for controlling the relative electrode positioning, connected to one or both of said electrodes, and
f) housing means for said apparatus, and
g) thermally conductive metal powder connected to said collector electrode for the transfer of thermal energy, and
h) an extendable depository for said metal powder, for providing room for the metal powder as the collector electrode is moved to the area previously occupied by the metal powder.

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- 18) An electrical generator, comprising the apparatus of claim 7, wherein said actuating is pulsed, for the production of alternating voltage.

REQUEST FOR RECONSIDERATION

Applicants acknowledge with appreciation that the Examiner has indicated that claim 6 contains allowable subject matter. Claim 6 is rewritten to be in independent form including all limitations of the base claim and any intervening claims. Applicants respectfully request allowance of this claim.

Applicants have amended the Drawings so that they are numbered consecutively, and have made appropriate corrections in the "Brief Description of the Drawings" and in the